

OaaS

Objects as a Service

\$1T

Global business software and services market size by 2029[†]

No progress since 1980s

Software development technology is still stuck with languages and approaches to build software developed in '80s.

More scalable horses, no automobiles.

Evolution →

Need for *expressive power* and human *energy efficiency* are the main evolutionary forces pulling the industry to the future

← Future

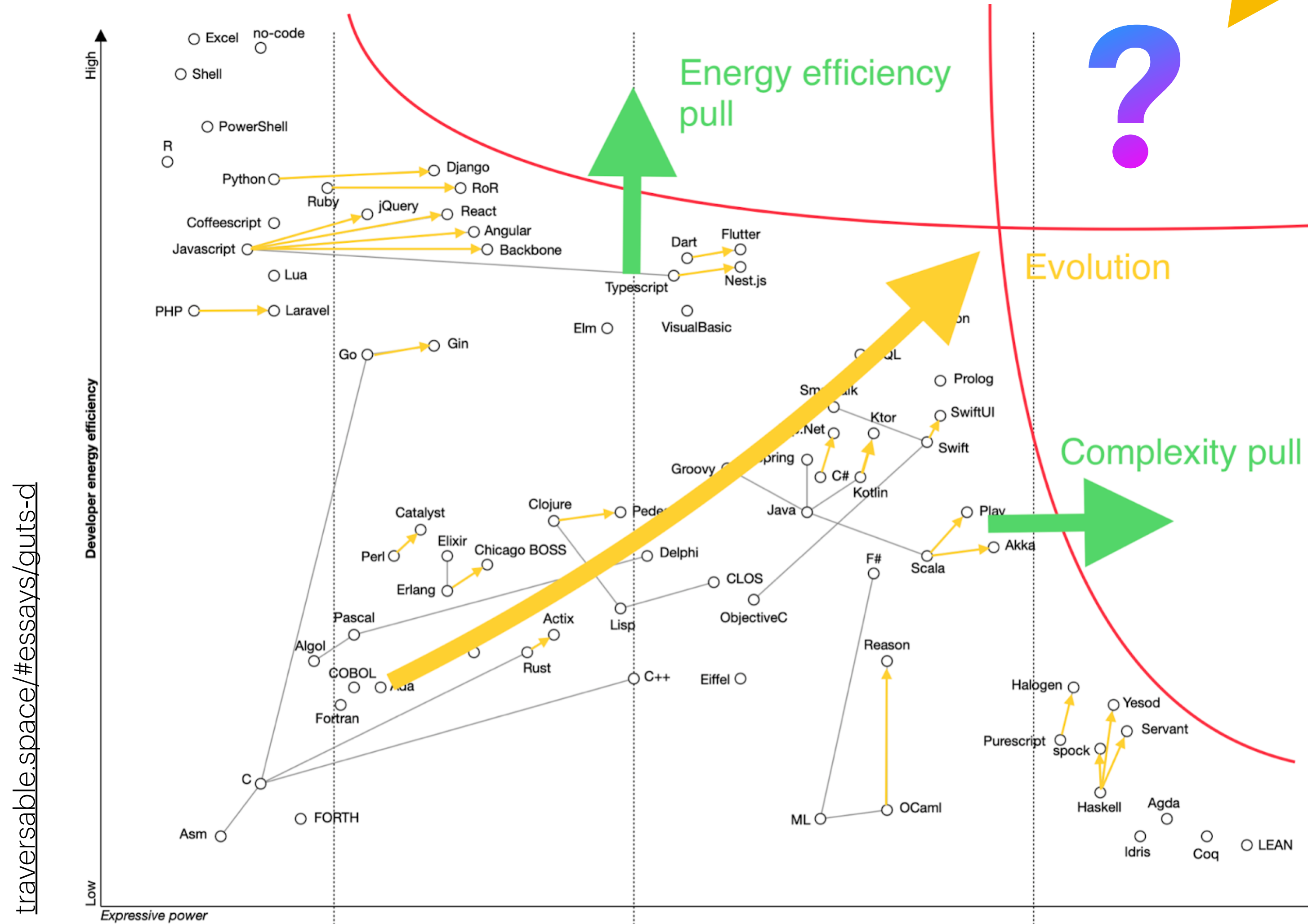
“Instead of innovating out from the present, what you want to do is invent the future from the future. Go out and live in the future and bring the future back.”

— Alan Kay

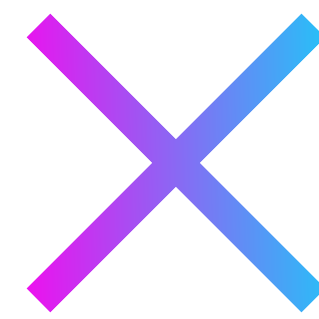
Complex systems



- * AGI will need better software development technology too



Complex Systems

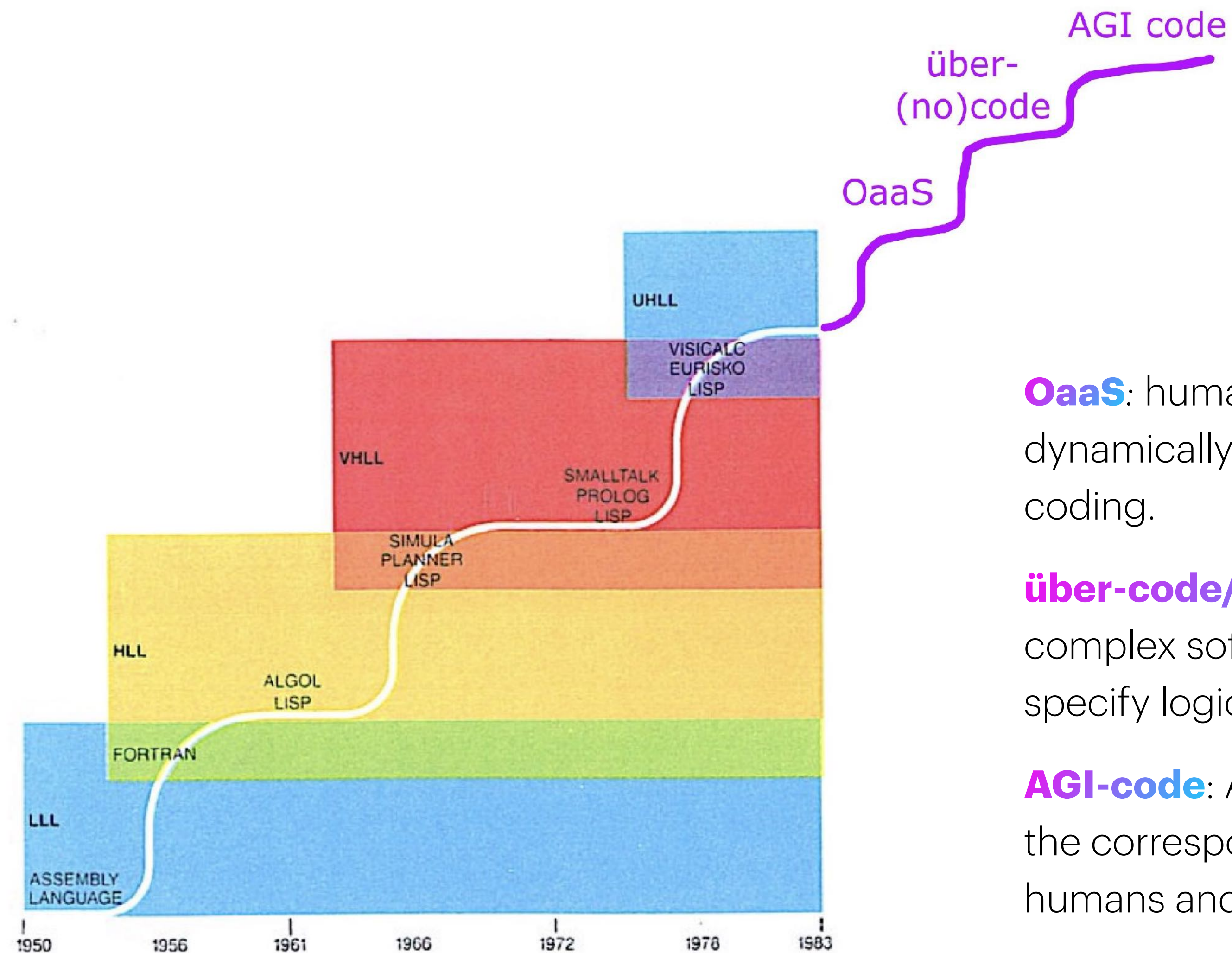


Human Language

Build software using “organizing complex systems” approach and human language to define knowledge structure required to describe systems

OAAAS →
über-no/code →
AGI-code

Build *systems* with no-code → build systems with *narratives* → build systems
with *human language* → have AGI build systems



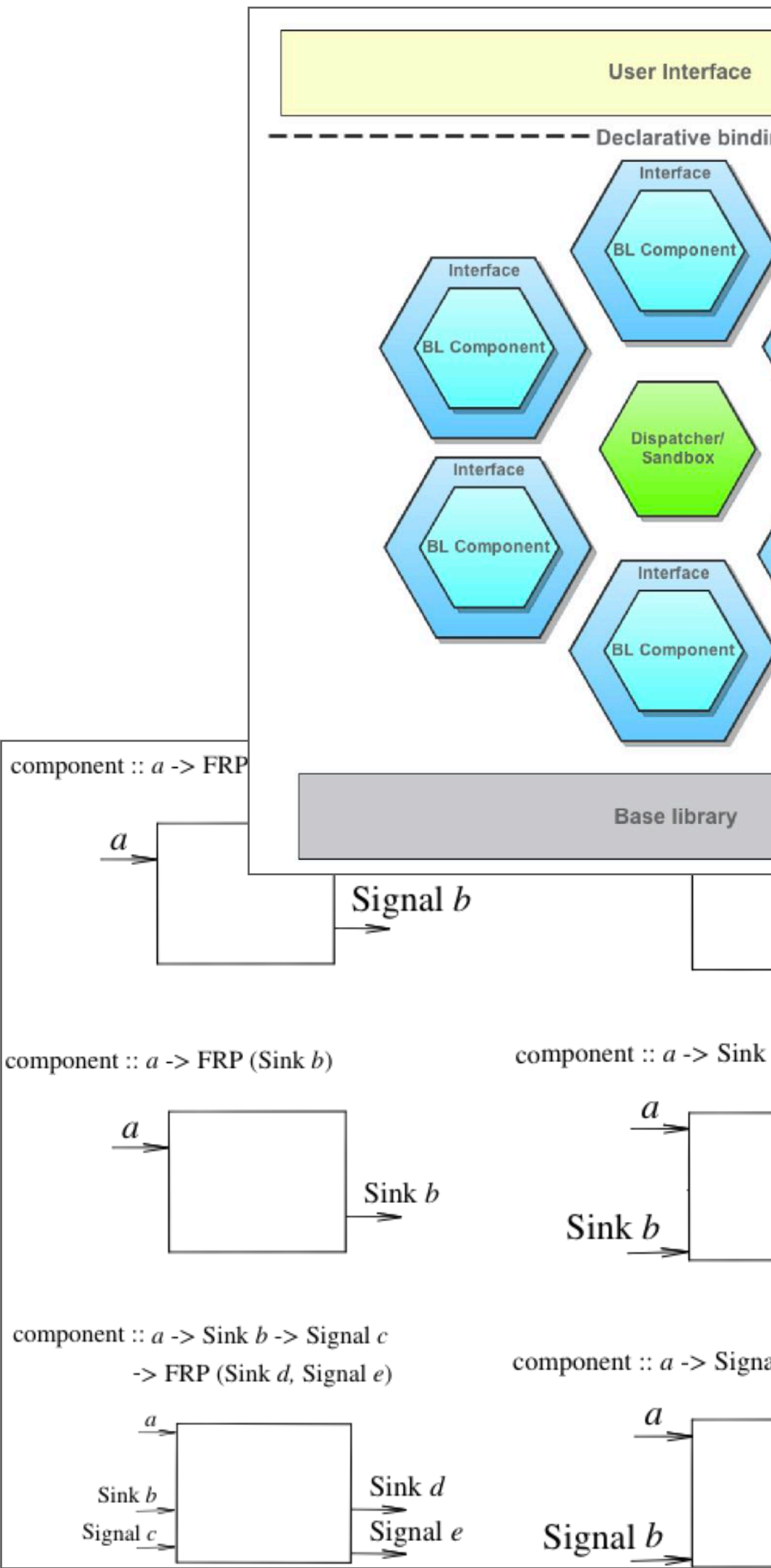
OaaS: humans build complex software *systems* out of dynamically created and composed objects, without coding.

über-code/über-nocode: humans+AI assistants build complex software systems using human language to specify logical models, constraints and attractors.

AGI-code: AGI builds and updates logical models and the corresponding software by interacting with humans and the environment.

Proven with prototypes

Did enable building and evolving complex systems 10x faster,
by non-programmers



Tasks

Any label
user1

01022018_Rick_revelante

Human faces appear in photo
Cloud
Showing activities
Happiest day

Content Analysis - Seasons

Choose one

Classification

Travel Photography
Landscape Photography
Wildlife Photography
Pet Photography

Content Analysis - Summary

Recipe 1, Recipe 2, Recipe n

local repo, Local source, CS App

recipe.json

Build sequence

Compile, Bundle

Targets: make(app), Menu, build, Watch, minify, compile

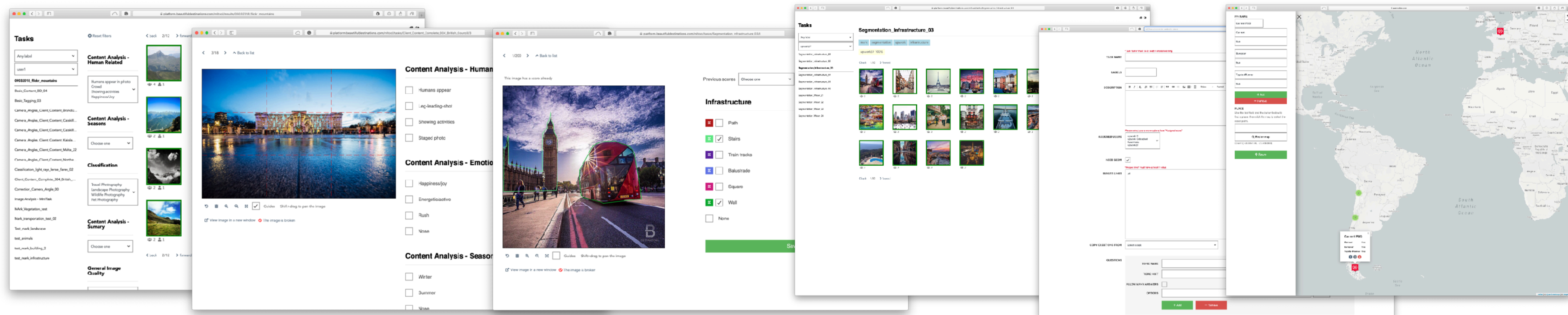
UI

Build sequence: compile, localize, bundle, minify

Result ready for production

Infrastructure: Path, Stairs, Train tracks, Balustrade, Square, Wall, None, Road, Sidewalk/Pavement, Alley, Skid, Floor - other, Other

Save & next



Built in 3 days

An application which is more powerful and feature-rich than the main product of a startup with \$20M funding after 2 years of development. Used in production in 3 days instead of a \$18k contract with the aforementioned company.

New industry

Everyone able to step-by-step define a logical domain model
is able to build software.

“Instead of innovating out from the present, what you want to do is invent the future from the future. Go out and live in the future and bring the future back.”

“Computer science inverts the normal. In normal science, you're given a world, and your job is to find out the rules. In computer science, you give the computer the rules, and it creates the world.”

“If you want to make money, don't make a startup, start an industry.”

— Alan Kay

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